

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,060,339 B2
APPLICATION NO. : 10/678855
DATED : June 13, 2006
INVENTOR(S) : Takeshi Matsumura et al.

Page 1 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On Title Page, at Column 2, in Foreign Patent Documents section, please delete "01550882 A1" and insert --0150882 A1--, therefor.

On Title Page, at Column 2, in Foreign Patent Documents section, below "EP 0 976 802 A1 2/2000" please delete "EP 1 411 547 A2 4/2004".

On Title Page, at Column 2, in Foreign Patent Documents section, after "1411547 A2 * 4/2004" please insert --H01L 21/68--.

On Page 2, at Column 2, in Foreign Patent Documents section, after "3/1993" please insert --C09J 07/02--.

On Page 2, at Column 2, in Foreign Patent Documents section, after "8/2002" please insert --C09J 07/02--.

On Page 2, at Column 2, in Foreign Patent Documents section, after "7/2003" please insert C09J201/00--.

At Column 4, Line 27, please delete "die bonding" and insert --die-bonding--, therefor.

At Column 6, Line 9, please delete "layers." and insert --layers(2).--, therefor.

At Column 7, Line 21-26, please delete "phosphate group-containing monomers such as 2-hydroxyethylacryloyl phosphate; and acrylamide, acrylonitrile etc. One or more of these copolymerizable monomer components can be used. The amount of these copolymerizable monomers is preferably 40% or less by weight based on the total monomer components." And insert the same on Line 20 after "acid;".

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At Column 8, Line 24, please delete "radiation curing" and insert
--radiation-curing--, therefor.

At Column 8, Line 53, please delete "radiation curing" and insert
--radiation-curing--, therefor.

At Column 9, Line 57, please delete "ptessure" and insert --pressure--, therefor.

At Column 10, Lines 6-20, please delete "The compound to be colored with irradiation with radiations may be first dissolved in an organic solvent etc. and then incorporated into the radiation-curing pressure-sensitive adhesive, or may be first pulverized finely and then incorporated into the pressure-sensitive adhesive. The ratio of this compound used is 10% or less by weight, preferably 0.01 to 10% by weight, more preferably 0.5 to 5% by weight, based on the pressure-sensitive adhesive layer (2).

When the ratio of the compound is higher than 10% by weight, too much radiation applied to the pressure-sensitive adhesive layer (2) is adsorbed into this compound, and therefore the pressure-sensitive adhesive layer at the portion (2a) is hardly cured, thus failing to lower adhesion sufficiently. For sufficient coloration, on the other hand, the ratio of the compound is preferably 0.01% or more by weight." and insert --The compounds to be colored by irradiation with radiations are colorless or light-colored before irradiation with radiations, but are colored by irradiation with radiations.

Preferable examples of such compounds include leuco dyes. The leuco dyes used are preferably conventional dyes based on triphenyl methane, fluoran, phenothiazine, auramine and spiropyran.

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Specifically, mention is made of 3-[N-(p-tolylamino)]-7-anilinofluoran,
3-[N-(p-tolyl)-N-methylamino]-7-anilinofluoran, 3-[N-(p-tolyl)-N-ethylamino]
-7-anilinofluoran, 3-diethylamino-6-methyl-7-anilinofluoran, crystal violet lactone,
4,4',4''-trisdimethylaminotriphenyl methanol, and 4,4',4''-trisdimethylaminotriphenyl
methane, etc.--

At Column 10, Line 36, please delete "adsorbed" and insert --absorbed--,
therefor.

At Column 10, Line 37, after "layer" please insert --at the portion--

At Column 10, Line 37, after "layer" please insert --at the portion--.

At Column 10, Line 60, please delete "(2a)." and insert --(2)--, therefor.

At Column 11, Line 13, please delete "(2a)" and insert --(2)--, therefor.

At Column 12, Line 7, please delete "adsorbs" and insert --absorbs--, therefor.

At Column 12, Line 13, please delete "adsorbing" and insert --absorbing--,
therefor.

At Column 13, Line 4, please delete "Thee" and insert --The--, therefor.

At Column 13, Line 33, please delete "(2b)." and insert --(2b')--, therefor.

At Column 13, Line 45, please delete "layers" and insert --layer--, therefor.

At Column 13, Line 49, please delete "layers" and insert --layer--, therefor.

At Column 14, Line 31, please delete "(NEL" and insert --NEL--, therefor.

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At Column 15, Line 12-13, please delete "sensitive) Adhesive" and insert --sensitive Adhesive)--, therefor.

At Column 15, Line 38, please delete "UW" and insert --UV--, therefor.

At Column 15, Line 53-54, please delete "sensitive) Adhesive" and insert --sensitive Adhesive)--, therefor.

At Column 17, Line 52, please delete "900" and insert --90°--, therefor.

At Column 19-20, in Table 2, Line 24, please delete "N/10mm" and insert --(N/10mm)--, therefor.

At Column 21, Line 4, in Claim 2, after (a) and" please insert --the--.

Signed and Sealed this

Seventeenth Day of June, 2008

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS
Director of the United States Patent and Trademark Office